

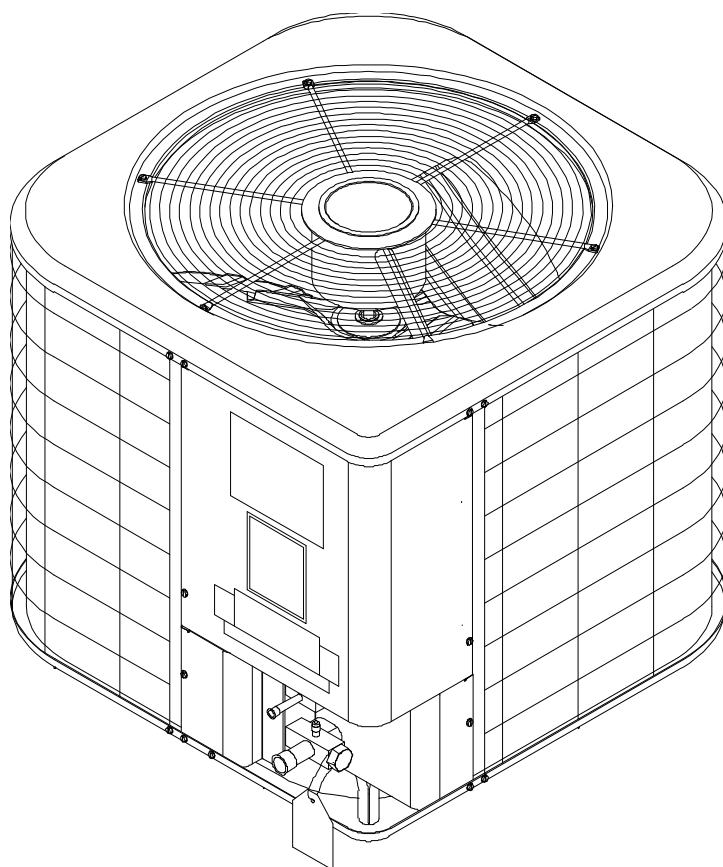
Models and manufacturing
numbers in this manual

RCC24A2B	P1172419C
RCC30A2B	P1172420C
RCC36A2B	P1172421C
RCC36A3B	P1172422C

Parts

RCC Series Remote Air Conditioners

Parts Manual for
Amana®



This manual is to be used by qualified appliance technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

Amana
Raytheon Appliances

RP6110009
Revision 0
October 1996

Important Information

Raytheon Appliances is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Raytheon Appliances also recommends contacting an authorized technician and using authorized factory parts. Locate an authorized technician by calling 800-NATLSVC (800-628-5782).

For assistance within the U.S.A. contact:

Consumer Affairs Department
Amana, Raytheon Appliances
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
319-622-5511--Telephone
319-622-2977--Facsimile

For assistance outside the U.S.A. contact:

International Division
Amana, Raytheon Appliances
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
USA
319-622-5511--Telephone
319-622-8595--Facsimile

Index

Functional Parts List 5

Illustration and Parts 6 - 13

Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

- AR - As Required
- 0000 - Not Shown
- QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)
- M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model and Color Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No: Description:

10099901	CAPACITOR (M4)
D6789049	CAPACITOR-POLY (M1, M2, M3)
B1104806	CAPACITOR-START (M1, M2, M3)
10481805	COMP-CP CR30K6-PFV (M3)
10481806	COMP-CP CR30K6-TF5 (M4)
10611901	COMP-TC AWC5520EXD (M1)
10611908	COMP-TC AWD5524EXD (M2)
C6333501	CONTACTOR-25A (M4)
C6170004	CONTACTOR-25A (M1, M2, M3)
C6453406	CUTOUT-HIGH PRESS (QTY 2)
C6453306	CUTOUT-LOW PRESS
10641502	DRIER-FILTER (M3, M4)
10641501	DRIER-FILTER (M1, M2)
10625705	FAN-CONDENSER (M2, M3, M4)
10625703	FAN-CONDENSER (M1)
11180601	HARNESS-WIRE (M4)
11192901	HARNESS-WIRING (M1, M2, M3)
C6303502S	HEATER-CRANKCASE (INCLUDED WITH COMPRESSOR) (M1)
10584307	MOTOR-COND
C6415502	PROTECTOR-CYCLE

SPECIAL PARTS

10652402	MANUAL-INSTAL
10659201	MANUAL-OWNERS
RP6110009	MANUAL-PARTS
RS6100002	MANUAL-SERVICE

Expanded Model and Color Nomenclature

M1 - RCC24A2B	P1172419C
M2 - RCC30A2B	P1172420C
M3 - RCC36A2B	P1172421C
M4 - RCC36A3B	P1172422C

Outer Cabinet/Compressor

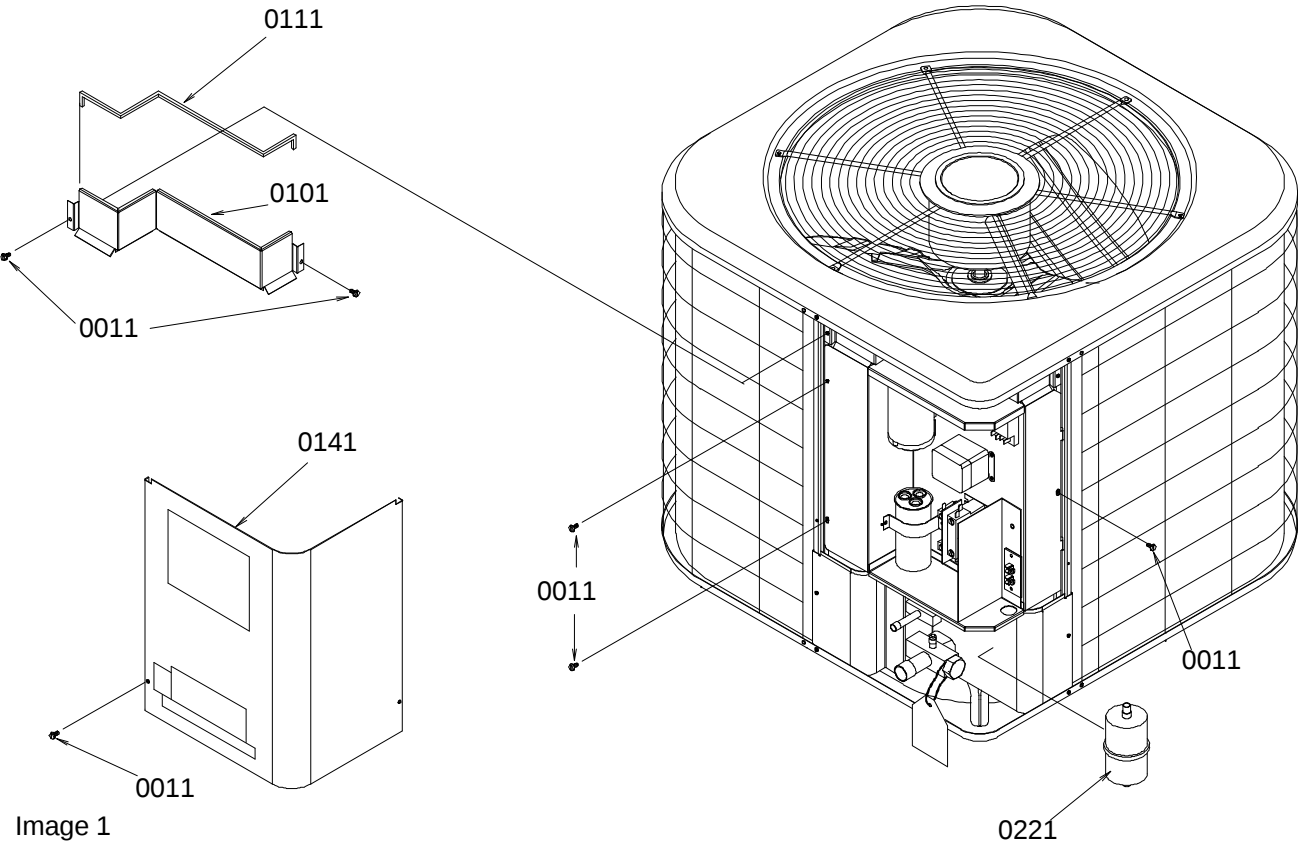
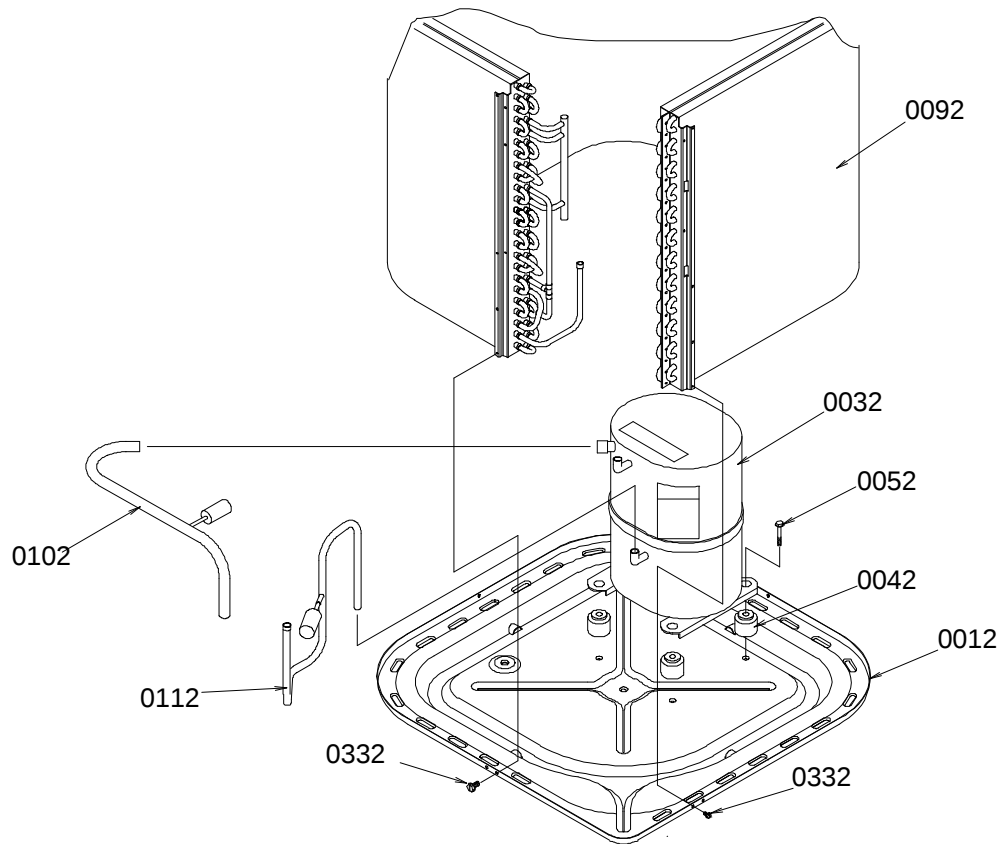


Image 2



Outer Cabinet/Compressor

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
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Image 1

0000	11076305	PISTON-ORIFICE 0630 (M2)
0000	11076306	PISTON-ORIFICE 0689 (M3, M4)
0000	B1443811	RESTRICTOR 063 (M2)
0000	11076302	PISTON-ORIFICE 0550 (M1)
0011	M0220816	SCREW-SM (QTY AR)
0101	10597403	FILLER-CONTROL (M1, M2)
0101	10597401	FILLER-CONTROL (M3, M4)
0111	10777501	GASKET (QTY AR)
0141	10589911	CONT COVER-PNT (M1, M2)
0141	10589915	CONT COVER-PNT (M3, M4)
0221	10641502	DRIER-FILTER (M3, M4)
0221	10641501	DRIER-FILTER (M1, M2)

Image 2

0000	A3430201S	RETAINER-HEATER (INCLUDED WITH COMPRESSOR) (M1)
0000	C6303502S	HEATER-CRANKCASE (INCLUDED WITH COMPRESSOR) (M1)
0000	C6250201S	COVER-TERM (INCLUDED WITH COMPRESSOR) (M1)
0000	A4594001S	STRAPE-BALE (INCLUDED WITH COMPRESSOR) (M1)
0000	A3410801S	GASKET-TERM BOX (INCLUDED WITH COMPRESSOR) (M1)
0012	10229602	BASEPAN-PNT (M1)
0012	10258302	BASEPAN-PNT (M2, M3, M4)
0032	10611901	COMP-TC AWC5520EXD (M1)
0032	10611908	COMP-TC AWD5524EXD (M2)
0032	10481806	COMP-CP CR30K6-TF5 (M4)
0032	10481805	COMP-CP CR30K6-PFV (M3)
0042	B1315401	GROMMET-COMP FOOT (QTY 4)
0052	M0221641	SCREW-SHOULDER TF (QTY 4)
0092	11183803	COND ASSY-PNT (M1)
0092	11163801	COND ASSY-PNT (M3, M4)
0092	11181001	COND ASSY-PNT (M2)
0102	20009201	SUCTION TUBE WELD (M1)
0102	10710502	SUCTION TUBE WELD (M3, M4)
0102	11189401	SUCTION TUBE WELD (M2)
0112	11158301	TUBE-DISCHARGE (M3, M4)
0112	20002501	TUBE-DISCHARGE (M1)
0112	20027501	TUBE-DISCHARGE (M2)
0332	M0220816	SCREW-SM (QTY AR)

Expanded Model and Color Nomenclature

M1 - RCC24A2B	P1172419C
M2 - RCC30A2B	P1172420C
M3 - RCC36A2B	P1172421C
M4 - RCC36A3B	P1172422C

Tubing

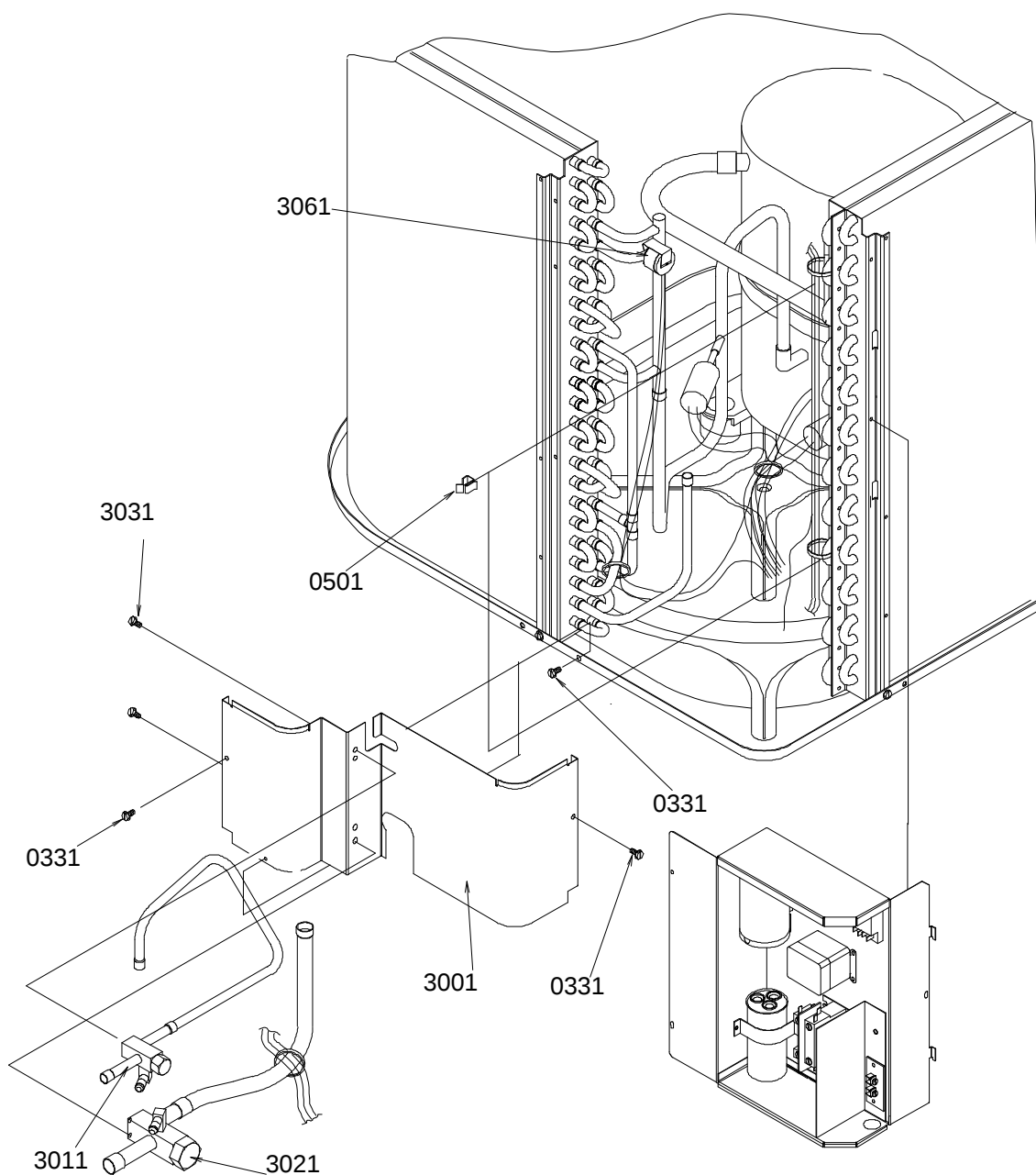


Image 1

Image 2

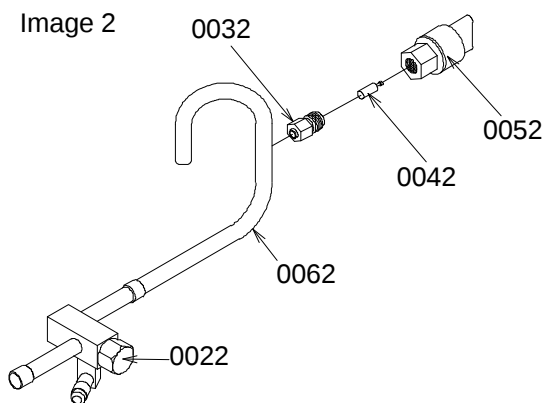
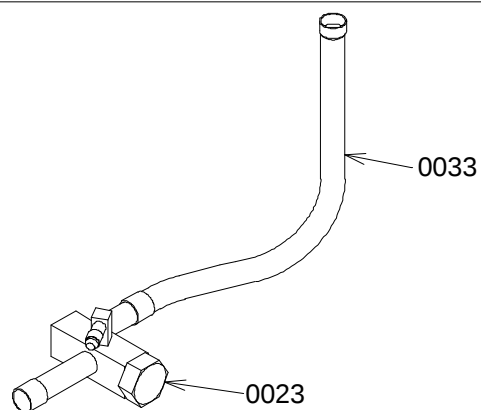


Image 3



Tubing

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
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Image 1

0331	M0220816	SCREW-SM (QTY AR)
0501	M0120901	CLIP-CABLE (QTY 2)
3001	10576206	SWT VLV BRKT-PNT
3011	11055821	LIQUID VALVE WELD
3021	11030916	SWEAT VALVE WELD (M3, M4)
3021	11030920	SWEAT VALVE WELD (M1, M2)
3031	M0220816	SCREW-SM (QTY AR)
3061	11046706	DISC-THERMOSTAT (M1, M2, M3)

Image 2

0022	20023001	VALVE-SWEAT
0022	11012206	VALVE-SWEAT
0032	A4692701	VALVE-DILL (QTY 2)
0042	A4692801	VALVE-CORE (QTY 2)
0052	C6453406	CUTOUT-HIGH PRESS (QTY 2)
0062	11048705	TUBE-LIQ VLV (QTY 2)

Image 3

0023	11012208	VALVE-SWEAT (M1, M2)
0023	20023003	VALVE-SWEAT (M1, M2)
0033	10719803	TUBE-SWEAT VLV (M1, M2) (QTY 2)

Expanded Model and Color Nomenclature

M1 - RCC24A2B	P1172419C
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M4 - RCC36A3B	P1172422C

Control Box/Tubing

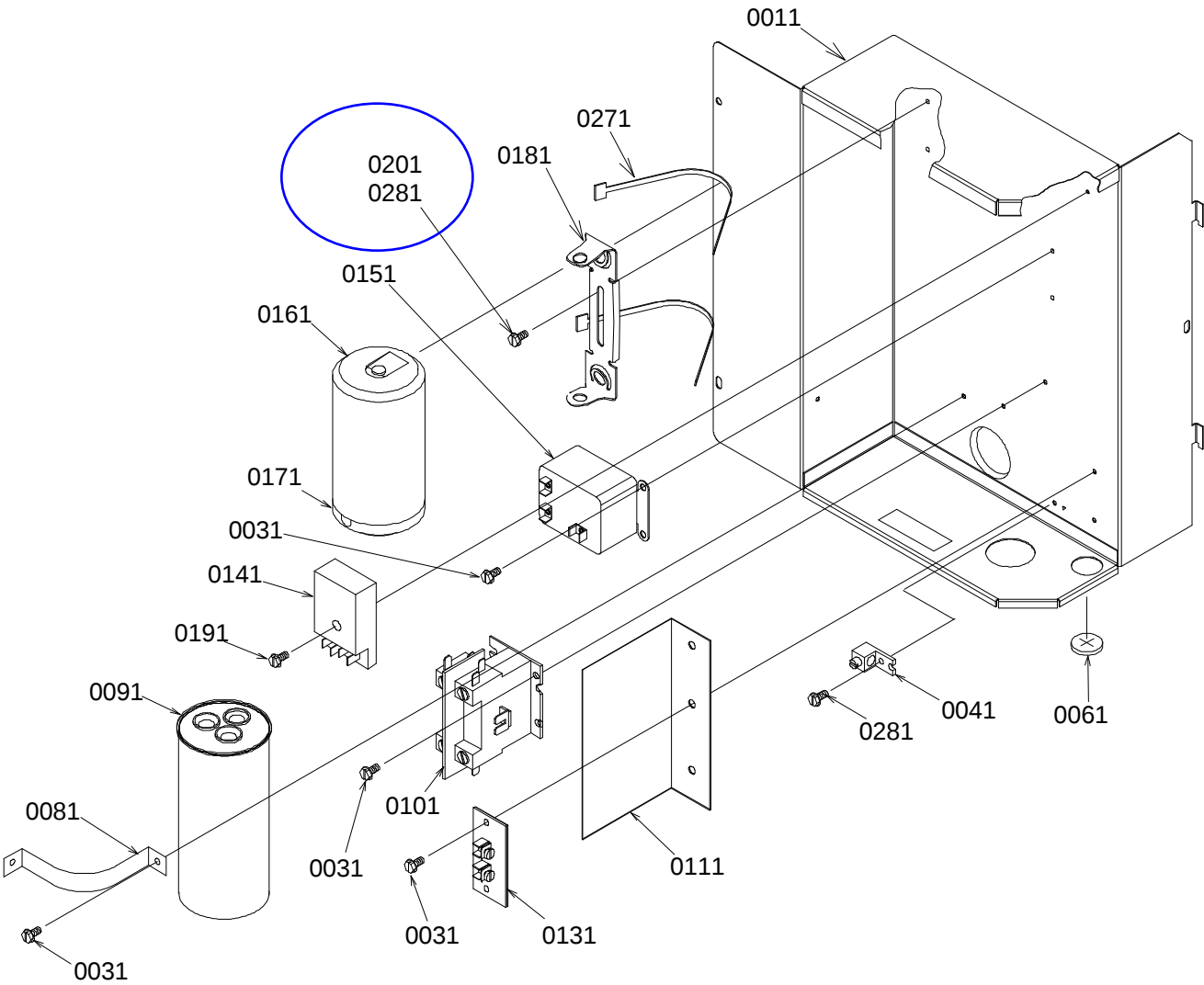
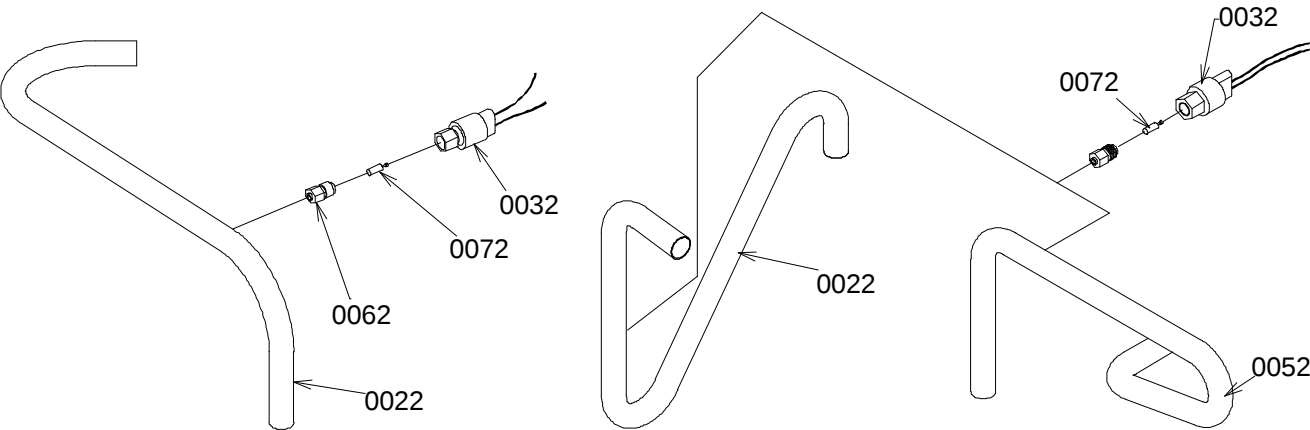


Image 1

Image 2



Control Box/Tubing

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
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Image 1

0011	11009603	CONTROL BOX WELD (M4)
0011	11009601	CONTROL BOX WELD (M1, M3)
0031	M0216517	SCREW-SM (QTY AR)
0041	A9015203	LUG-GROUND (M1, M3, M4)
0061	A4603801	GROMMET (M1, M3, M4)
0081	A4055402	STRAP-CAPACITOR (M4)
0081	C6300512	STRAP-CAPACITOR (M1, M3)
0091	10099901	CAPACITOR (M4)
0091	D6789049	CAPACITOR-POLY (M1, M2, M3)
0101	C6333501	CONTACTOR-25A (M4)
0101	C6170004	CONTACTOR-25A (M1, M2, M3)
0111	11156901	BARRIER-LOW VOLT (M1, M3, M4)
0131	B1274701	BOARD-TERM (M1, M3, M4)
0141	C6415502	PROTECTOR-CYCLE
0151	10142322	RELAY-START (M2)
0151	10142304	RELAY-START (M3)
0151	10142312	RELAY-START (M1)
0161	B1104806	CAPACITOR-START (M1, M2, M3)
0171	C6450302	CAP-CAPACITOR (M1, M3)
0181	C6450401	BRKT-CAP MFG (M1, M3)
0191	M0216521	SCREW-SM (QTY AR)
0201	M0230630	SCREW-SM (M1, M3) (QTY 2)
0271	M0321211	TIE-ELEC (M1, M3) (QTY 2)
0281	M0216529	SCREW-SM (M2, M4) (QTY 2)

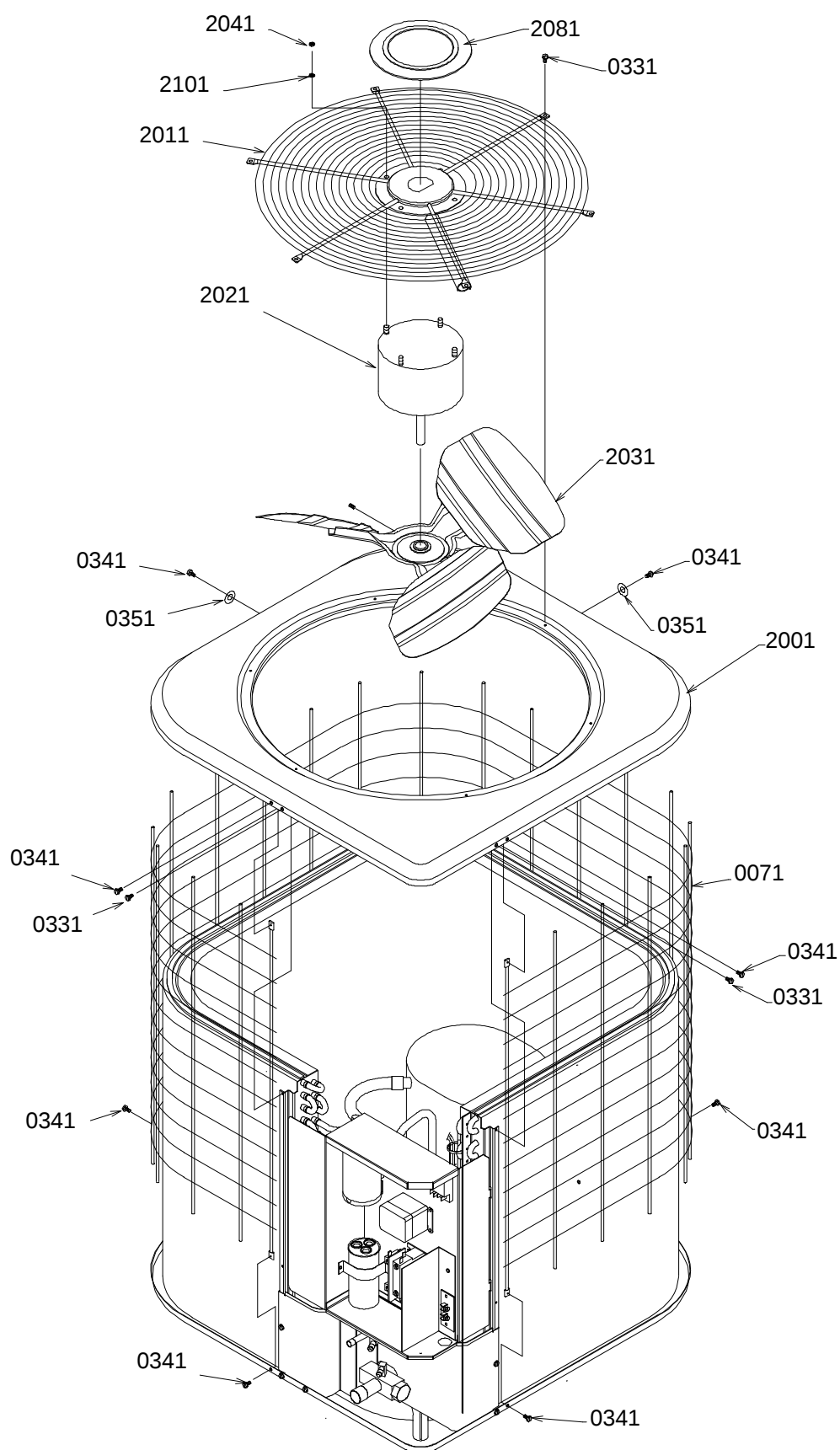
Image 2

0022	11189201	TUBE-SUCTION (M2)
0022	10712903	TUBE-SUCTION (M3, M4)
0032	C6453306	CUTOUT-LOW PRESS
0052	11184003	TUBE-SUCTION (M1)
0062	A4692701	VALVE-DILL (QTY 2)
0072	A4692801	VALVE-CORE (QTY 2)

Expanded Model and Color Nomenclature

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M2 - RCC30A2B	P1172420C
M3 - RCC36A2B	P1172421C
M4 - RCC36A3B	P1172422C

Cabinet/Top



Cabinet/Top

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0071	10596702	GRILLE-FORMED (M2)			
0071	10596703	GRILLE-FORMED (M3, M4)			
0071	10596701	GRILLE-FORMED (M1)			
0331	M0220816	SCREW-SM (QTY AR)			
0341	M0229130	SCREW-SD (QTY 8)			
0351	M0270529	WASHER-FLAT (QTY 2)			
2001	10576102	TOP COVER (M2, M3, M4)			
2001	10229802	TOP COVER (M1)			
2011	10589801	GRILLE-FAN (M1)			
2011	10589802	GRILLE-FAN (M2, M3, M4)			
2021	10584307	MOTOR-COND			
2031	10625703	FAN-CONDENSER (M1)			
2031	10625705	FAN-CONDENSER (M2, M3, M4)			
2041	M0280801	NUT-HEX (QTY 4)			
2081	10651101	DISK-LOGO			
2101	M0272803	WASHER-LOCK			

Expanded Model and Color Nomenclature

M1 - RCC24A2B	P1172419C
M2 - RCC30A2B	P1172420C
M3 - RCC36A2B	P1172421C
M4 - RCC36A3B	P1172422C